



**THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Re: Application of: S. Chang et al.

Attorney Docket: 890-007.002

Serial No.: 10/658,495

Group Art Unit: to be assigned

Filed: September 8, 2003

Examiner: to be assigned

**For: METHOD AND SYSTEM FOR IMPROVING EFFICIENCY IN FUEL CELL IN PORTABLE DEVICES**

Director of the U.S. Patent & Trademark Office  
P.O. Box 1450  
Alexandria, VA 22313-1450

**INFORMATION DISCLOSURE STATEMENT**

Sir:

Applicant submits herewith references of which they are aware, which they believe may be material to the examination of this application and in respect of which they may have a duty to disclose in accordance with 37 CFR 1.56.

While this Information Disclosure Statement may be "material" pursuant to 37 CFR 1.56, it is not intended to constitute an admission that any document referred to herein is "prior art" for this invention unless specifically designated as such.

In accordance with 37 CFR 1.97(g), the filing of this Information Disclosure Statement shall not be construed to mean that a search has been made or that no other material information as defined under 37 CFR 1.56(a) exists.

I hereby certify that this correspondence is being deposited today  
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addressed to Director of the U.S. Patent & Trademark Office,  
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Cathy Wilcox

12-4-03  
Date



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A PTO-1449 with cited reference is also enclosed.

This IDS is being submitted prior to receipt of a first Official Action in this matter; therefore, the undersigned respectfully submits that no fee is due for filing this IDS. Should any fees be due of which the undersigned is unaware, the Commissioner is hereby authorized to charge deposit account 23-0442 any fee deficiency required to submit this IDS.

Respectfully submitted,

Kenneth Q. Lao  
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Date: Dec. 4, 2003

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FORM PTO-1449  
INFORMATION DISCLOSURE STATEMENT



ATTY DOCKET NO.  
890-007.002

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### UNITED STATES PATENT DOCUMENTS

EXAM. INITIAL	DOCUMENT NUMBER	DATE	INVENTOR/ASSIGNEE	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	U.S. 2002/0146606	Oct. 10, 2002	Kobayashi et al.	429	24	

### FOREIGN PATENT DOCUMENTS

DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES/NO

### OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)


Examiner (To be assigned)

Date: